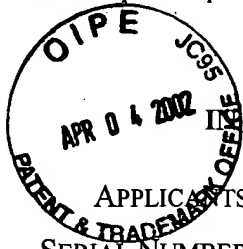


Express Mail Label No.: ET176335165US

Date of Deposit: April 4, 2002

PATENT APPLICATION

Attorney Docket No. 24024-501



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Peled *et al.*
SERIAL NUMBER : 09/463,320 EXAMINER : D. Saunders
FILING DATE : January 22, 2000 ART UNIT: 1644
FOR : METHODS OF CONTROLLING PROLIFERATION AND
DIFFERENTIATION OF STEM AND PROGENITOR CELLS

April 4, 2002
Boston, MA

Box DAC
Commissioner for Patents
Washington, D.C. 20231

RECEIVED
APR 09 2002
OFFICE OF PETITIONS

**RESPONSE TO NOTICE TO COMPLY WITH
SEQUENCE LISTING REQUIREMENTS**

In response to the Notice to Comply with Sequence Listing Requirements, mailed June 20, 2001 in the above mention application, Applicants submit a copy of the Notice to Comply, an initial computer readable form (CRF) copy of the "Sequence Listing", a substitute paper copy of the Sequence Listing, a statement that the content of the paper and computer readable copies are the same, and an Amendment directing incorporation of the Sequence Listing into the Specification.

CONCLUSION

The Commissioner is authorized to charge any additional fees due, or credit any overpayment of same, to the undersigned's account, Deposit Account No. 50-0311, Reference No. 24024-501.

The Examiner is encouraged to call the undersigned below with any questions or comments related to this filing.

Respectfully submitted,



Date: April 4, 2002

Ivor R. Elrifi, Reg. No. 39,529
Attorney for Applicants
c/o MINTZ, LEVIN
One Financial Center
Boston, Massachusetts 02111
Tel: (617) 542-6000
Fax: (617) 542-2241

TRA 1630143v1



COPY

Application No.: 09/463320

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: _____

RECEIVED

APR 09 2002

Applicant Must Provide:

OFFICE OF PETITIONS

- ☒ An initial or ~~substitute~~ computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or ~~substitute~~ paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

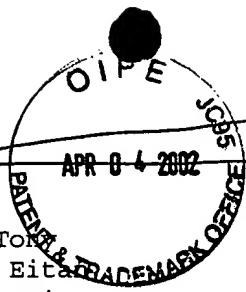
For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY



SEQUENCE LISTING

C

<110> Peled, Tom
Fibach, Eitan
Treves, Avi

<120> Methods of Controlling Proliferation and
Differentiation of Stem and Progenitor Cells

<130> 24024-501

<140> 09/463,320
<141> 2000-01-22

<150> PCT/IL9900444
<151> 1999-08-17

<150> 09/161,659
<151> 1998-09-29

<150> 09/130,367
<151> 1998-08-07

<150> 09/024,195
<151> 1998-02-17

<160> 2

<170> PatentIn Ver. 2.1

<210> 1
<211> 3
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Peptide

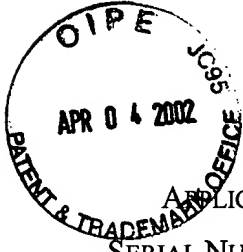
<400> 1
Gly His Lys
1

<210> 2
<211> 3
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Peptide

<400> 2
Gly Gly His
1

RECEIVED
APR 09 2002
OFFICE OF PETITIONS



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Peled *et al.*
SERIAL NUMBER : 09/463,320 EXAMINER : D. Saunders
FILING DATE : January 22, 2000 ART UNIT: 1644
FOR : METHODS OF CONTROLLING PROLIFERATION AND
DIFFERENTIATION OF STEM AND PROGENITOR CELLS

April 4, 2002
Boston, MA

Box DAC
Commissioner for Patents
Washington, D.C. 20231

STATEMENT IN SUPPORT OF COMPUTER READABLE
FORM SUBMISSION UNDER 37 C.F.R. § 1.821(f)

I hereby state that the content of the paper and computer readable forms of the Sequence Listing, submitted in the above-identified application in accordance with 37 C.F.R. § 1.821(c) and 1.821(e), respectively, are the same. No new matter is added at this time.

Respectfully submitted,

Date: April 4, 2002

Ivor R. Elrill, Reg. No. 39,529
Barry J. Marenberg, Reg. No. 40,715
Attorney for Applicants
c/o MINTZ, LEVIN
One Financial Center
Boston, Massachusetts 02111
Tel: (617) 542-6000
Fax: (617) 542-2241

RECEIVED
APR 09 2002
OFFICE OF PETITIONS